

ABSTRACT

In reforming mechanical characteristics of a precipitation hardening type Al alloy casting, the Al alloy casting is subjected to a high temperature/high pressure treatment, then the pressure is reduced while maintaining the temperature of the Al alloy casting, and subsequently the Al alloy casting is subjected to solution treatment, quenching, and aging in this order. According to this method, mechanical characteristics of the casting can be reformed efficiently and economically and there can be obtained a reformed product of good quality.